

1. (Twice amended) A method for altering the cell fate otherwise adopted by a cell comprising:

(a) contacting the cell *in vitro* with, or administering to an organism comprising the cell, a modulator of Notch pathway function, thereby altering Notch pathway function in the cell;

B1 (b) concurrently with step (a), contacting the cell *in vitro* with, or administering to an organism comprising the cell, a modulator of a cell fate control gene pathway function, wherein the cell fate control gene pathway is not the Notch pathway, thereby altering the function of a cell fate control gene pathway in the cell; and

(c) subjecting the cell to conditions that allow cell fate determination to occur,

thereby altering the cell fate otherwise adopted by the cell.

B2 64. (Amended) The method according to claim 1, wherein the cell fate produced by said method is apoptosis.

B3 69. (Amended) The method according to claim 1, wherein the cell fate that would have been otherwise adopted by said cell is apoptosis.

REMARKS

Claims 1-12, 16-18 and 22-83 were pending in the present application. Claims 6, 11, 12, 16, 17, 22, 23, 35-49, 53-62, 67 and 68 have been canceled without prejudice as drawn to non-elected inventions. Applicants reserve the right to pursue the subject matter of the canceled claims in one or more related applications. Claim 1 has been amended to clarify that which Applicants regard as the invention. In particular, claim 1 has been rephrased to incorporate a conclusory phrase and to clarify the meaning of certain steps. Claims 64 and 69 have been amended to delete dependencies upon canceled claims. No new matter has been added.

Upon entry of this amendment, claims 1-5, 7-10, 13-15, 18-21, 24-34, 50-52, 63-66 and 69-83 will be pending in the above-captioned application.